

We claim:

1. An exhaust housing part for an exhaust muffler (2) or an exhaust gas catalyst of an automobile, comprising:

a sheet blank (1) as a semi-finished part that, after a stamping process in a tool (3, 4, 5), comprises an upper half-shell or a lower half-shell of a half-shell muffler or catalyst; or after a wrapping process in a tool, comprises a wrapped exhaust gas funnel or cylinder, or an exhaust gas pipe connection,

wherein

the sheet blank (1) comprises an integral, profiled sheet metal part of differing thickness, with at least one strip section (10) of a thickness (S2) that locally reinforces the finished exhaust housing part, and at least one strip section (11) of greater thickness at least in one wall region.
2. The exhaust housing part according to claim 1, wherein the sheet blank (1) comprises two lateral strip sections (10) of smaller thickness (S2) and lying there between a strip section (11) of greater thickness (S1).
3. The exhaust housing part according to claim 2, wherein the two lateral strip sections (10) of smaller thickness (S2) are of like constitution.
4. The exhaust housing part according to claim 1, wherein the strip section (11) of greater thickness comprises at least one raised narrow longitudinal web or additionally includes at least one raised narrow longitudinal web (12).
5. The exhaust housing part according to claim 1, further comprising a rolled sheet metal part having a rolled-in pattern (13) at least on one surface.

6. The exhaust housing part according to claim 5, wherein the rolled-in pattern (13) is at least one of longitudinal or transverse stripes, diamonds, or circular or square bumps.
7. The exhaust housing part according to claim 1, wherein the strip sections (10, 11) are linear in a longitudinal direction of an exhaust housing part to be manufactured.
8. The exhaust housing part according to claim 1, wherein the strip sections (10, 11) are widened or narrowed in the middle in the transverse direction of the exhaust housing part to be manufactured and have a curved connecting edge (7 or 8) in the longitudinal direction of an exhaust housing part to be manufactured.
9. The exhaust housing part according to claim 1, wherein the strip sections (10, 11) comprise a linear connecting edge (15) that runs obliquely with respect to a longitudinal direction of an exhaust housing part to be manufactured.
10. A roll device for the production of a sheet blank according to claim 1, comprising at least two profiled press rolls (16, 17).
11. The roll device according to claim 10, wherein a distance (d) between axes of the two press rolls (16, 17) running axially parallel is adjustable.
12. The roll device according to claim 10, wherein the press rolls are interchangeable.
13. The roll device according to claim 10, wherein the press rolls comprise interchangeable profiled roll cylinders (18).
14. The roll device according to claim 13, wherein the roll cylinders (18) have a different roll profile and/or a different cylinder diameter from each other.
15. The roll device according to claim 10, wherein the press rolls (16, 17) comprise roll cylinders (18) comprising an at least partially oval shape in cross section.

- | Time | Temp | Humidity | Wind | Clouds | Pressure | Visibility | Remarks |
|------|------|----------|------|--------|----------|------------|---------|
| 0000 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0100 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0200 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0300 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0400 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0500 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0600 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0700 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0800 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 0900 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1000 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1100 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1200 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1300 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1400 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1500 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1600 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1700 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1800 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 1900 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 2000 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 2100 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 2200 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 2300 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |
| 2400 | 10.0 | 65 | 0.0 | 0.0 | 1013.2 | 10.0 | Clear |